

ABSTRACT

Disclosed herein is a method of allocating an Internet Protocol (IP) address and detecting the duplication of the IP address in an ad-hoc network environment. In the method of the present invention, a terminal allocates an IP address to itself and efficiently detects and handles the duplication of the IP address in the ad-hoc network environment, thus reducing the load of an entire network and allowing the method to be used together with existing routing protocols.